

FEBRUARY 29, 1984

TYPE "DKTN" MULTIPLE SHEATH CABLES

(Card No. 1)

Conductors: 26 AWG copper.

Insulation: Solid polypropylene (highly stabilized).

Sheath: Bonded Steampeth (corrugated aluminum applied longitudinally without overlap, polymer-coated corrugated steel applied longitudinally with overlapped seam, and a medium density polyethylene jacket).

The polyethylene jacket is adhesively bonded to the steel. Bonded steampeth sheath resists moisture diffusion better than non-bonded steampeth sheath and is less likely to buckle during installation.

The medium density polyethylene jacket is suitable for use at higher temperature than the low density polyethylene used for non-steampeth sheaths.

Electrical Characteristics

DC Resistance (OHMS) Loop Mile at 68° F	CAP. nF/Mile at 60° F 900 or 1000 Hz	Conductance μS/Mile at 900 Hz	Min. Dielectric Strength		Attenuation (dB/1000 ft.) at 72° F Freq. at 772
			Between Conductors (Volts DC)	Between Core-to-Sheath (Volts DC)	
440	83	0.2	2,400	5,000	7.0

Initial use: Underground conduit where high temperatures (up to 230° F) are expected.